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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,601	02/22/2002	Satoshi Nakajima	41020.P006	5731

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EXAMINER
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DOAN, DUYEN MY

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 05/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/082,601

Applicant(s)

NAKAJIMA, SATOSHI

Examiner

Duyen M. Doan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 22 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

Detail Action

Claims 1-40 are presented for examination.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang et al (us pat 6,598,076) (hereinafter Chang) in view of Cook et al (us pat 6,178,432) (hereinafter Cook).

**As regarding claim 1**, Chang discloses identifying a binary file generated by a source application to be emailed to one or more designated recipients (col.3, lines 1-67, col.5, lines 39-67); enable platform independent viewing of content from said binary file by said one or more recipients (col.3, lines 1-67, col.5, lines 39-67) and transmitting said representation to said one or more designated recipients in association with at least one email message (col.3, lines 1-67, col.5, lines 39-67). Chang does not expressly disclose generating one or more user interface displays in the form of a self-contained representation based at least in part upon one or more state-based transition specifications. However, Cook teaches generating one or more user interface displays

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in the form of a self-contained representation based at least in part upon one or more state-based transition specifications (col.2, lines 61-67, col.3, lines 1-39).

It would have been obvious to one with ordinary skill in that art at the time the invention was made to combine the teaching of Cook to Chang's method for the purpose of displaying movie or animation in the space directly by the Web browser without needing to access a separate application for playing the movie or animation (see Cook col.2, lines 48-51).

**As regarding claim 2**, Chang-Cook discloses state-based transition specifications specify a group of one or more user interface displays eligible to be rendered on behalf of said one or more recipients, based at least in part upon user input received from said one or more recipients (see Cook col.10, lines 5-49). The same motivation was utilized in claim 1 applied equally well to claim 2.

**As regarding claim 3**, Chang-Cook discloses user interface displays transition from a first state to a second state based upon said received user input (see Cook col.7, lines 22 – col.9, lines 53). The same motivation was utilized in claim 1 applied equally well to claim 2.

**As regarding claim 4**, Chang-Cook discloses encoding said representation using at least one of a MIME protocol, a Uuencode protocol, and a BinHex protocol (see Chang col.4, lines 50-55).

**As regarding claim 5**, Chang-Cook discloses source application or copy of said source application need not be accessed by said one or more designated

recipients in order for said attachment to be viewed by said one or more designated recipients (see Chang col.3, lines 1-67, col.5, lines 39-67).

**As regarding claim 6**, Chang-Cook discloses each of said set of one or more state-based user interface displays comprises one or more state-based display cells each associated with a portion of said content (see Cook col.1, lines 21 to col.9, lines 53). The same motivation was utilized in claim 1 applied equally well to claim 6

**As regarding claim 7**, Chang discloses identifying a source application format for an identified binary file (Chang col.3, lines 1-67, col.5, lines 39-67); determining if said identified source application format is a member of a group of one or more supported formats (Chang col.3, lines 1-67, col.5, lines 39-67); to generate a self-contained representation of said binary file for viewing by a designated recipient, if said identified format is determined to be a supported format (Chang col.3, lines 1-67, col.5, lines 39-67). Chang does not expressly disclose capturing a set of one or more user interface displays, based at least in part upon one or more state-based transition specifications. Cook teaches capturing a set of one or more user interface displays, based at least in part upon one or more state-based transition specifications (Cook col.2, lines 61-67, col.3, lines 1-39).

It would have been obvious to one with ordinary skill in that art at the time the invention was made to combine the teaching of Cook to Chang's method for the purpose of displaying movie or animation in the space directly by the Web browser

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without needing to access a separate application for playing the movie or animation (see Cook col.2, lines 48-51).

**As regarding claim 8**, Chang-Cook discloses encoding said one or more user interface displays in association with an email message (see Chang col.4, lines 50-55; and transmitting said email message to said designated recipient to be rendered as one or more of said user interface displays in accordance with said state-based transition specifications in response to received user input (see Cook col.10, lines 35-49). The same motivation was utilized in claim 7 applied equally well to claim 8.

**As regarding claim 9**, Chang-Cook discloses binary file represents at least one of a word processing document and a spreadsheet document (see Chang col.1, lines 19-44).

**As regarding claim 10**, Chang-Cook discloses identified file format is determined based upon a filename extension associated with said binary file (see Chang col.1, lines 19-44).

**As regarding claim 11**, Chang-Cook discloses accessing a set of state transition specifications corresponding to said identified source application format (see Cook col.3, lines 15-39, col.4, lines 39-67, col.10, lines 5-49); launching a locally accessible version of an application associated with said source application format (see Cook col.3, lines 15-39, col.4, lines 39-67, col.10, lines 5-49); simulating user input to said application based at least in part upon said set of state transition specification (see Cook col.3, lines 15-39, col.4, lines 39-67, col.10, lines 5-49); and storing output from said application in response to said received user input (see Cook col.3, lines 15-39,

col.4, lines 39-67, col10, lines 5-49). The same motivation was utilized in claim 7 applied equally well to claim 11.

**As regarding claim 12**, Chang-Cook discloses user interface displays transition from a first state to a second state based upon said received user input (see Cook col.10, lines 5-49). The same motivation was utilized in claim 7 applied equally well to claim 12.

**As regarding claim 13**, Chang-Cook discloses user interface displays further transition from said second state back to said first state or from said second state to one of a plurality of additional states based upon received user input (see Cook col.7, lines 22 to col.9, lines 52). The same motivation was utilized in claim 7, 12 applied equally well to claim 13.

**As regarding claim 14**, Chang-Cook discloses each of said set of one or more state-based user interface displays comprises one or more state-based display cells (see Cook col3, lines 15-39, col.4, lines 39-67, col.10, lines 5-49). The same motivation was utilized in claim 7 applied equally well to claim 14.

**As regarding claim 15**, Chang discloses receiving an email message including an associated first attachment of a first attachment type (Col.3, lines 1-67, col.5, line 39-67); determining if said first attachment type is a member of a group of one or more supported source applications (Col.3, lines 1-67, col.5, line 39-67); launching a locally accessible version of said source application associated with said first application type (Col.3, lines 1-67, col.5, line 39-67); Chang does not expressly discloses referencing a

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set of one or more state-based transition specifications based upon said first attachment type if it is determined said first attachment type is a member of said group of one or more source applications; simulating one or more user input signals based upon said one or more state-based transition specifications; and capturing a first set of user interface displays in response to said one or more user input signals based at least in part upon said one or more state-based transition specifications so as to generate a non-proprietary representation of said first attachment. Cook teaches referencing a set of one or more state-based transition specifications based upon said first attachment type if it is determined said first attachment type is a member of said group of one or more source applications (col.2, lines 61-67, col.3, lines 1-39); simulating one or more user input signals based upon said one or more state-based transition specifications (col.10, lines 5-49); and capturing a first set of user interface displays in response to said one or more user input signals based at least in part upon said one or more state-based transition specifications so as to generate a non-proprietary representation of said first attachment (col.10, lines 5-49).

It would have been obvious to one with ordinary skill in that art at the time the invention was made to combine the teaching of Cook to Chang's method for the purpose of displaying movie or animation in the space directly by the Web browser without needing to access a separate application for playing the movie or animation (see Cook col.2, lines 48-51).

**As regarding claim 16**, Chang-Cook discloses encoding said non-proprietary representation of said first attachment; associating said representation with said email

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message in the form a second attachment (see Chang col.4, lines 50-55); and transmitting said email message including said second attachment to a designated recipient (see Chang col.3, lines 1-63, col.5, lines 39-67).

**As regarding claim 17**, Chang-Cook discloses non-proprietary representation is encoded with the MIME protocol (see Chang col.4, lines 50-55).

**As regarding claim 18**, Chang-Cook discloses first attachment type comprises a proprietary format (see Chang col.3, lines 1-67, col.5, lines 39-67).

**As regarding claim 19**, Chang-Cook discloses plurality of user interface displays further comprise a plurality of display cells (see Cook col.7, lines 21 to col.9, lines 53). The same motivation was utilized in claim 15 applied equally well to claim 19.

**As regarding claim 20**, Chang-Cook discloses each of said plurality of display cells displays a portion of one or more of said plurality of user interface displays based at least in part upon said state-based transition specifications (see Cook col.7, lines 21 to col.9, lines 53). The same motivation was utilized in claim 15 applied equally well to claim 20.

**As regarding claims 21-26** the limitations are similar to claims 1-6 respectively, therefore rejected for the same rationales as claims 1-6.

**As regarding claims 27-34** limitations are similar to claims 7-14 respectively, therefore rejected for the same rationales as claims 7-14.

**As regarding claims 35-40** limitations are similar to claims 15-20 respectively, therefore rejected for the same rationales as claims 15-20.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duyen M. Doan whose telephone number is (571) 272-4226. The examiner can normally be reached on 9:30am-6:00pm.

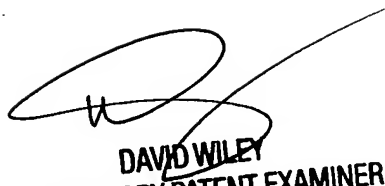
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner  
Duyen Doan  
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